

CENTRAL INTELLIGENCE AGENCY

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REPORT

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1. Personnel of the Pétróross Nitrogen Works: * Géza Vadasz, director; Béla Matkócz, assistant director; Imre Borosai, chief engineer; about 40 engineers and technical specialists; about 100 administrative and technical employees; about 2,100 workmen.
2. The chief products are: naphtha; explosives; artificial fertilizers (Péti so).
3. The works have two locomotives for internal use and for transport of goods from Várpalota.
4. Entrance to the works is only by pass with photograph. Workers are not allowed to go into parts of the factory that do not concern them. The regulations are especially strict for the factory for synthetic products. Workers who live in Várpalota are admitted at entrance no. 3, the railway entrance.
5. Legend and description for attached sketch:
1. Main entrance.
 2. Entrance for personnel and management.
 3. Railway line entrance.
 4. Surrounding wall topped with barbed wire. The wall is 2.10 m. high.
 5. Two-story office building about 40 m. x 50 m. It contains director's office, technical offices, administration offices, accounts department, shipping department, raw materials department, and personnel and social department.
 6. Mining quarters for engineers and clerks.
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7. Living quarters for workmen.
8. Porter's lodge.
9. Offices for social welfare.
10. Fireman's watch house.
11. Telephone central.
12. Factory surgery. This includes an emergency dispensary, a clinic, and a dental dispensary. Attached to the surgery are two surgeons, one physician, one dentist. The chief is Dr. József Vajko.
13. Baths.
14. Food stores for the mess.
15. Garage and repair shops for the 16 trucks and 5 cars attached to the factory.
16. Kitchen, mess, and refreshment post.
17. Factory for sulphur products, 42 m. x 15 m. The work is in three shifts of 130 workers each. The greater part of raw materials come from Russia; 50X1-HUM
 Products are hydrosulphate, carbon sulphate, sulphur chloride, sulphur dioxide, and sulphuric acid.
18. Factory for synthetic materials. Its dimensions are 38 m. x 24 m. x 15 m. The building is green and has a flat roof. Materials are produced here for the production of gunpowder, which takes place at Peremarton, seven km. south of Pétfürdő. Work is in three shifts of 140 workers each. Only trusted workers are allowed in the plant.
19. Work shop of two stories, 25 m. x 12 m. Employs 75 workers in a single shift, which can, if necessary, become two shifts. Equipment includes recent-model lathes, drilling machines, and planes. Repair and adjustment work is done on machines and on rolling equipment.
20. Fire house. There are thirty firemen, with 15 always on guard, around the oil depot here. The other firemen are on call in case of emergency, and about 150 of the workmen are on call in case of fire or explosion. The regular firemen keep continual watch against smoking in the open grounds. Smoking is permitted only in the washrooms and refreshment rooms.
21. Tanks of benzine, petroleum, and gasoline. There are 10 round tanks, each with a diameter of 4.5 m. and a height of 5.5 m. Their capacity is about 60 tons. They are green and are easily visible from a distance of about four km. Each of the tanks has a suction valve which is connected with the oil line from the loading station.
22. Towers of the refinery.
23. (description omitted)
24. Refinery. About 150 workers are employed in each of the three shifts. The raw oil comes from Lispe, Bahot, and Iovasz. The oil comes by a branch line off the underground line from Lispe to Budapest (Csepel). The quantity of crude oil for the factory is set by the Ministry of Industry, and varies from 800 to 1,000 tons a month, of which about 500 tons are benzine, 150 tons gasoline, and 200 tons of petroleum. The

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remaining crude oil is used as fuel by the Pétrőrdő factory or is consigned to other plants. The Ministry of Industry also determines each month the kinds of refining to be done, ordinary benzine, gasoline, aviation benzine, light benzine, etc. The greater part of production goes to Russia in Molaj railway cars and in Polish tank vehicles. Transport is over the Budapest-Hidasanmeti line or over the Budapest-Csap line in groups of 25-28 tank cars of 15 tons each. Following an order of the Ministry of Industry, about 60 tons of benzine and 80 tons of gasoline are consigned monthly to the Russian occupation troops in Hungary. These are sent to Hajmáskér, Pépa, Székesfehérvár, and Szombathely.

17. Administration of the benzine and petroleum production. Offices are on the first floor, laboratories on the second.
18. Gas works: production only for what is needed at the factory itself. Coal comes on the funicular from the coal mine at Várpalota.
19. Boilers and electric power plant, 28 m. x 20 m. x 13 m. The power plant furnishes electricity for the factory and for the community of Pétrőrdő. The power plant has two boilers, one for coke, and the other for oil.
20. Offices.
21. One-story building, 25 m. x 8 m., used as storehouse.
22. Industrial scales.
23. Depot - an open field circled with barbed wire - with about 600 barrels each of 200 liters.
24. Forge and smithy, with 25 men.
25. Carpentery workshop for the factory.
26. Particular to the Várpalota coal mines, 4.5 km. long, with poles 100 m. apart.
27. Division for the production of chloric acid, 30 m. x 20 m. x 10 m. Work is in three shifts, each of 160 men. The products for the most part go to the Nitrokemia factory at Balatonfürdő, where they are used for the production of gunpowder and dynamite.
28. Containers for acid, about 12 m. in diameter and 8 m. high.
29. Division for the manufacture of artificial fertilizer, about 30 m. x 20 m. x 10 m. Here the phosphate salt "Féti so" is made.
30. One-story storehouse for the artificial fertilizer already produced, about 40 m. x 12 m. x 10 m.
31. Two-story office building.
32. Two-story building still under construction in May 1951, about 25 m. x 12 m.
33. Container for acid, about 12 m. in diameter and 9 m. high.
34. Laboratory for experiments and for control of raw materials and products.

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- 43. Railway line.
- 44. Railway line.
- 45. Railway spur for the sulphur factory.
- 46. Spur to the railway car repair workshop.
- 47. Loading track for oil products.
- 48. Guard house.

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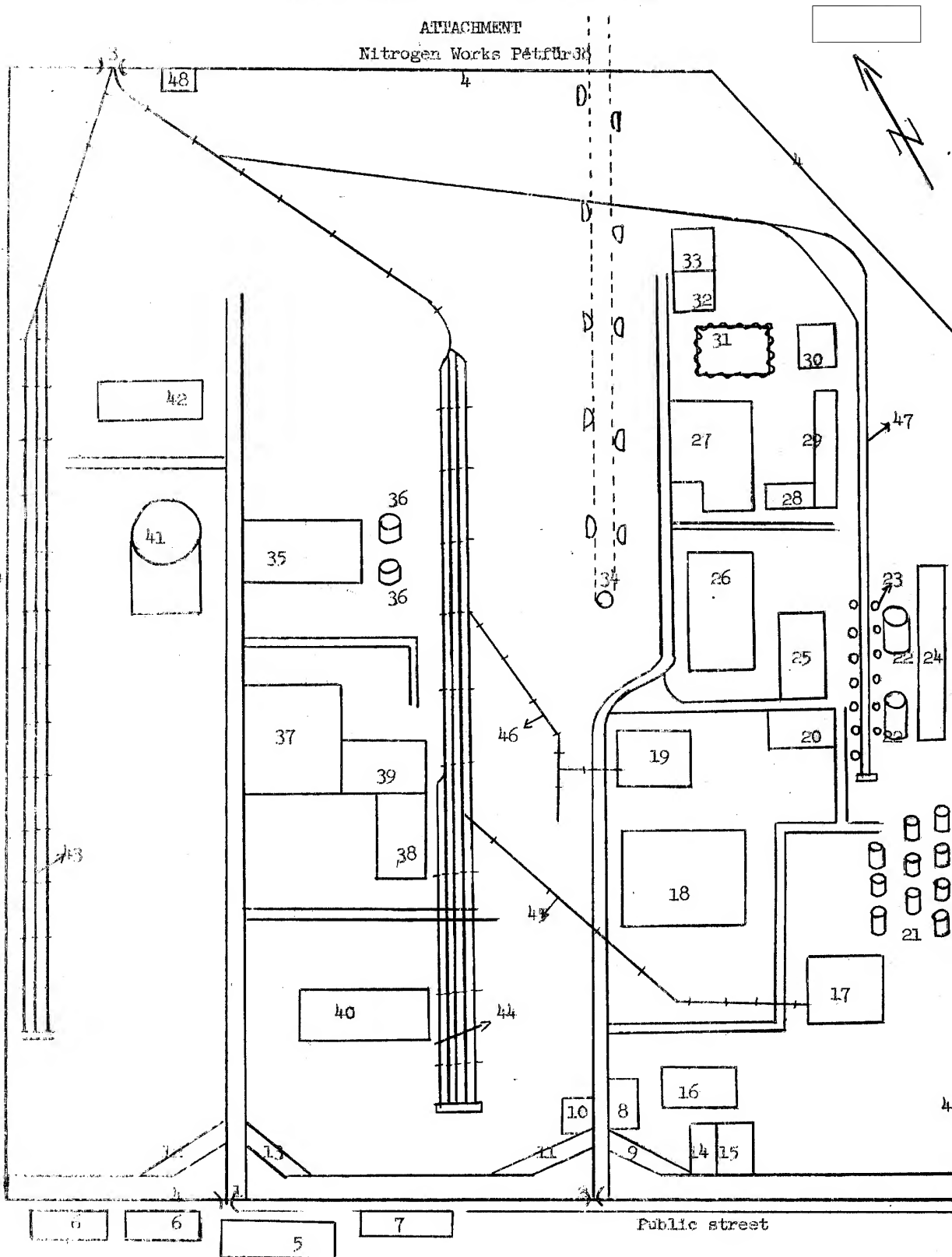
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ATTACHMENT
Nitrogen Works Pétúrk



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